

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A mobile terminal comprising:

a battery;

a power supply block which supplies power of said battery;

a radio communication block which communicates with a base station when said power is supplied from said battery through said power supply block, said radio communication block having both a transmission function and a reception function;

a first switch which is interposed between said power supply block and said radio communication block;

a key operation section to which said power is always supplied from said battery through said power supply block;

a control unit which controls said first switch to stop the power supply from said battery to said radio communication block to stop communication between the mobile terminal and the base station in response to a manual operation of said key operation section;

a base band block which is connected with said first switch and said radio communication block;

an application function block to which said power is always supplied from said battery through said power supply block and is possible to accomplish application functions; and

a second switch which is interposed between said application function block and said base band block,

wherein the power supply to said base band block is stopped when said control unit controls said first switch to stop the power supply from said battery to said radio communication block in response to said manual operation of said key operation section, and

wherein said control unit is contained in said application function block and controls

said second switch to disconnect said base band block from said application function block.

2-6. (Canceled)

7. (Currently amended) The mobile terminal according to claim 1, wherein said control unit controls said first switch to turn back on said power in response to a manual operation of a key of said key operation section.

8. (Previously Presented) The mobile terminal according to claim 1, wherein said control unit comprises a timer to which a predetermined time is set, and
when said timer measures the predetermined time, said control unit controls said first switch to turn on.

9. (Currently amended) A power saving method in a mobile terminal comprising:
supplying power of a battery to a radio communication block through a first switch and directly to a key operation section, said radio communication block communicating with a base station and having both a transmission function and a reception function;

controlling said first switch to stop the power supply from said battery to said radio communication block in response to a manual operation of a key of said key operation section, such that the communication between the mobile terminal and the base station is stopped;

wherein said supplying further comprises supplying the power of said battery to a base band block in addition to said radio communication block; and

said controlling further comprises controlling said first switch to stop the power supply from said battery to said base band block in addition to said radio communication

block;

said method further comprises:

carrying out a base band process by said base band block to communicate with said base station through said radio communication block, when the power is supplied from said battery to said radio communication block; and

carrying out application functions by an application function block; and

disconnecting said application function block from said base band block in response to said manual operation of the key of said key operation section.

10-12. (Canceled)

13. (Currently amended) The method according to claim 9, further comprising:

controlling said first switch to turn back on said power in response to a manual operation of a key of said key operation section.

14. (Currently amended) The mobile terminal according to claim 9, further comprising:

controlling said first switch to turn back on said power, when a timer measures a predetermined time after the power supply to said radio communication block is stopped.

15. (Currently amended) A mobile terminal comprising:

a battery;

a power supply block which supplies power of said battery;

a radio communication block which communicates with a base station when said power is supplied from said battery through said power supply block, said radio communication block having both a transmission function and a reception function;

a first switch interposed between said power supply block and said radio communication block;

a key operation section to which said power is always supplied from said battery through said power supply block;

a base band block to which said power is always supplied from said battery through said power supply block which accomplishes application functions other than a communication function using said radio communication block;

a second switch interposed between said base band block and said radio communication block;

a control unit which is responsive to a manual operation from said key operation section that controls said first switch to stop the power supply from said battery to said radio communication block, and controls said second switch to stop communication between said base band block and said radio communication block.

16. (Previously Presented) The mobile terminal according to claim 15, wherein the control unit controls said first switch to stop communication between the mobile terminal and the base station.

17. (Previously Presented) The mobile terminal according to claim 15, wherein the control unit controls said second switch to stop communication between the mobile terminal and the base station.

18. (Previously Presented) The mobile terminal according to claim 15, wherein the control unit controls said second switch to disconnect said base band block from said radio communication block.

19. (Previously Presented) The mobile terminal according to claim 15, wherein said control unit comprises a timer to which a predetermined time is set, and

when said timer measures the predetermined time, said control unit controls at least one of said first and second switches to turn said power back on.

20. (Currently amended) The mobile terminal according to claim 15, wherein said control unit controls said first and second switch to turn back on said power in response to a manual operation of a key of said key operation section.